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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 26th January 1963

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated 15th September 1962.

In page 333, column 2, under the heading 'Cessation of Patents'.

Delete No. "59387".

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act

5th January 1963

- 85933. Westinghouse Electric Corporation. Improvements in or relating to circuit interrupters.
- 85934. K. Matsuda. Roof structures.
- 85935. A. H. Cyster. Improvements in or relating to apparatus for decorticating cashew nuts.
- 85936. Ciba Limited. Use of 1-dehydro-17 α -methyltestosterone for the treatment of wounds.
- 85937. N. V. Philips' Gloeilampenfabrieken. Improvements in carrier telephony systems with the object of reducing noise and cross talk. (8th January 1962).
- 85938. W. C. Heraeus Gesellschaft mit beschränkter Haftung. Flexible band for measuring instruments with turning measurement work. (23rd January 1962).
- 85939. W. C. Heraeus Gesellschaft mit beschränkter Haftung. Flexible band for measuring instruments with turning measurement work. (23rd January 1962).
- 85940. Sperry Rand Corporation. Self-loading transducer mounting.
- 85941. J. C. Kattakayam. Cashew nut shell liquid lactic acid reaction products.
- 85942. P. S. Patel. Improvements and modification in manufacture of teaching device for longitude and latitude, phenomena.
- 85943. R. K. Patel. Multipurpose pump.
- 85944. A. N. Thaker and R. K. Patel. Improvement and modification in knitting machine.
- 85945. V. R. Koppikar and S. V. Koppikar. A new one-bath method of producing dyed shades of mineral khaki, olive green, brown or other mineral colours on cellulosic materials.
- 85946. P. R. Abhyankar. A machine for manufacture of nylon zip fasteners.

7th January 1963

- 85947. J. G. Jain. Purification of brine for soda ash manufacture
- 85948. Societa' Farmaceutici Italia. Process for preparing 6-methyl- and 1, 6-dimethyl-ergoline 1 derivatives.
- 85949. Standard Telephones and Cables Limited. Transistor switching circuit. (19th February 1962).
- 85950. Standard Telephones and Cables Limited. Electric discharge device for producing interactions between nuclei [Addition to No. 74260].
- 85951. Imperial Chemical Industries Limited. Winding apparatus.
- 85952. Metalsalts Corporation. Process and compositions for protecting materials against fungal and bacterial infections and protected materials obtained thereby.
- 85953. Olin Mathieson Chemical Corporation. Synthesis of steroids.
- 85954. F. Smith & Co. (Whitworth) Limited. Improvements relating to the dyeing and similar liquid treatment of textile and similar materials.
- 85955. Didier-Werke A. G. Fire proof suspension brick.
- 85956. J. H. G. Olier, G. F. Grosshans and R. G. Masson. Improvements in methods and devices for making cups and similar vessels of a thermoplastic material.
- 85957. Metallgesellschaft Aktiengesellschaft. Process for direct reduction of iron ore pellets. [Addition to No.]
- 85958. K. N. Misra. Relating to offset configurations on some typebodies (means for typewriters/teleprinters and like machines) of which the width is relevantly more than the distance by which the carriage uniformly moves, to create fusion overlapping by virtue of orthogonal, cross-, or, inter-, sectional projections automatically created.
- 85959. Council of Scientific and Industrial Research. A reactor for carrying out high temperature reactions involving solids and gases.

8th January 1963

- 85960. The Wellcome Foundation Limited. Reagents. (5th February 1962).
- 85961. W. E. Salzmann. Improvements in or relating to internal combustion engines.
- 85962. Farrel-Birmingham Company, Inc. Continuous internal stiffgel mixer.

85963. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to compositions for combating arthropoda.
85964. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing soft-magnetic manganese-zinc-ferrous-ferrite sintered bodies and sintered bodies manufactured by these methods.
85965. Western Electric Company, Incorporated. Regulation of power supply systems. (27th August 1962).
85966. Cable Covers Limited. Compression connectors for joining or terminating wires, rods and other suitable members. (9th January 1962).
85967. Sandoz Ltd. Improvements in or relating to organic compounds. (9th January 1962).
85968. Merck & Co., Inc. Process for the preparation of 3-chlorocaprolactam.
85969. Dr. Beck & Co. G.m.b.H. Improvements in or relating to lacquers.
85970. Deering Milliken Research Corporation. Fiber handling arrangement.
85971. Institut De Recherches De La Siderurgie Francaise. Process and apparatus for chemically converting flowing gaseous materials.
85972. Ciba Limited. Manufacture of new sulphonamides.
85973. N. V. Organon. Oxydation of hydroxy steroids.
85974. James Halley & Sons Limited. Improvements relating to the processing of webs of material. (26th January 1962).
85975. F. Smith & Co. (Whitworth) Limited. Improvements relating to the fluid treatment of textile fibres. (10th January 1962).
85976. Allied Chemical Corporation. Sealing compositions.
85977. Allied Chemical Corporation. Sealing compositions.
85978. Sherritt Gordon Mines Limited. Process for the recovery of zinc from zinc plant residues. (11th January 1962).
- 9th January 1963
85979. T. B. Savigny. A sling for loading and unloading rolled textile sheets.
85980. E. Johuston. Automatic filtration of liquids and semi-liquids.
85981. Continental Elektroindustrie Aktiengesellschaft Voigt & Haeffner. High voltage circuit breaker with switching points of different constructions.
85982. R. S. Walker. Improved conveyor or elevator. (10th January 1962).
85983. Corhart Refractories Company. Refractory arch furnace roof.
85984. Imperial Chemical Industries Limited. Sulphur compounds. (17th January 1962).
85985. Quigley Company, Inc. Improvements in or relating to heat resisting coating composition and method of applying it to the basic refractory surface of a furnace.
85986. Quigley Company, Inc. Improvements in or relating to a sprayable basic refractory composition for repairing the hot basic refractory linings of high temperature furnaces, and method.
85987. H. R. Protat. Sunfurnace.
85988. Paul Raimbault & Co. Handling and transporting vehicle. (21st March 1962).
85989. Minnesota Mining and Manufacturing Company. Polymer compositions in spinning process.
- 10th January 1963
85990. V. K. G. Menon. Improved straps for L.T. and H.T. tension insulators.
85991. Aktiebolaget Svenska Flaktfabriken. Means for connecting thin-walled plane elements.
85992. Metallurgical Processes Limited and The National Smelting Company Limited. Improvements in the charging system of blast furnaces. (29th January 1962).
85993. The Goodyear Tire & Rubber Company. Improvements in tire building drum.
85994. P. B. Fonden and K. O. T. Walander. Arrangement in brakes for aeroplane-arresting devices. (8th February 1962).
85995. V. K. Sethuraman. A process of manufacture of usable carbon powder from the discarded and fused coal cinders and ash.
- 11th January 1963
85996. R. H. Abplanalp. A dispensing package for dispensing a mixture of liquids from a pressurized container.
85997. Bristol-Myers Company. Chemical process.
85998. Nippon Rayon Co. Ltd. A process for improving dyeability of the fibres and the shaped articles of polypropylene.
85999. Nippon Rayon Co. Ltd. A process for improving the light fastness of dyed polymeric olefines.
86000. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semi-conductor devices. (12th January 1962).
86001. Ciba Limited. Manufacture of new A-nor-B-homosteroids.
86002. Laporte Chemicals Limited. Improvements in or relating to peroxy compounds. (12th January 1962).
86003. Moulton Consultants Limited. Resilient suspension for the rear wheel of a two-wheeled cycle vehicle. (12th January 1962).
86004. Standard Telephones and Cables Limited. Improvements to telephone systems.
86005. Standard Telephones and Cables Limited. Code transmission system. [Addition to No. 64429].
86006. Standard Telephones and Cables Limited. Selection system for circuits or electrical equipment. [Addition to No. 81312].
86007. Lepetit S.p.A. Process for preparing 16 beta-methylprednisone.
86008. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of finely divided expandable thermoplastics.
86009. Ciba Limited. Dyeing and printing processes.
86010. Ciba Limited. Anthraquinone dyestuffs and process for their manufacture.
86011. Imperial Chemical Industries Limited. Veterinary compositions. (22nd January 1962).
- Alteration of Date**
76062. The claim to priority date 5th April 1960 has been disallowed and the application dated as of 3rd April 1961, the date of filing in India.
78629. The claim to priority date 6th June 1961 has been abandoned and the application dated as of 26th September 1961, the date of filing in India.
85087. Ante-dated to 10th April 1961 under Section 5 of the Act.
85518. Ante-dated to 11th July 1961 under Section 5 of the Act.
85564. Ante-dated to 15th July 1961 under Section 5 of the Act.
85621. Ante-dated to 12th July 1961 under Section 5 of the Act.
85929. Ante-dated to 13th November 1962 under Section 5 of the Act.
85930. Ante-dated to 11th April 1961 under Section 5 of the Act.
- Applications Accepted**
- Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

76062. Industrial Plant (Combustion) Limited. A process of calcining limestone or like material. Accepted on 3rd January 1963.

Introducing a mixture of combustible gas and superheated steam and introducing the mixture into the calcining zone for combustion with air also introduced in that zone.

76132. Takeda Chemical Industries Ltd. Compositions for agricultural use comprising thiamines or the salts thereof. Accepted on 5th January 1963.

Compounds like 3-(4-amino-2-methylpyrimidin-5-methyl)-4-methyl-5, 8-hydroxyethylthiazolium chloride hydrochloride admixed with carrier or diluent.

76152. Societe D'Electro-Chimie, D'Electro-metallurgie Et Des Acieries Electriques D'Ugine. Process and apparatus for making anhydrous alumina (27th October 1960). Accepted on 7th January 1963.

Comprises the steps of effecting the transformation to anhydrous alpha alumina from hydrated alumina in two different separate stages, a first stage which is endothermic and a second stage which is exothermic, in which second stage the product from first stage is recrystallized by maintaining it at a suitable temperature to ensure complete dehydration.

76209. Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Process of producing mikamycins A & B containing high content of B component. Accepted on 10th January 1963.

Using cultured broth of a specialized mutant of Streptomyces mitakaensis.

76257. Borg-Warner Corporation. Improvements in or relating to vertical compressor. Accepted on 7th January 1963.

A shear pump including an inlet aperture in the body for communicating lubricant with shaft, lubricant collection chamber, the pump body bore being eccentric with respect to the shaft and in a direction toward lubricant inlet, the pump body including a cavity communicating with the internal bore in the shaft and the pump body having an aperture communicating between lubricant collection chamber and cavity, and means for shearing lubricant from the rotating shaft.

76282. Clevite Corporation. Rubbing contact material for use as a sliding surface such as a bearing. Accepted on 8th January 1963.

Comprising a matrix infiltrated with a mixture of leadoxide and another oxide, the surface of the matrix having a material which does not reduce lead oxide to lead and the mixture having a lower melting point than that of lead oxide.

76376. Johnson & Johnson. A container formed of a composite of plastic and of flexible sheet material, and to a method of making it. Accepted on 10th January 1963.

Comprising bottom and side wall paneling molded into predetermined positional relationship and predetermined contour from a flat unitary blank of flexible sheet material having different sections corresponding to bottom side-wall paneling, rigid plastic structural members being molded into intimate bonding relationship with sidewall paneling.

76501. Upendra Nath Das & Sons. An improved C.T.O. machine. Accepted on 7th January 1963.

A central drive is provided above the frames and the drive shaft is extended and operates at its one extended end a lay shaft which drives one of the rollers by belts.

76505. Sumitomo Chemical Company Ltd. Low-toxic organic phosphor insecticide and preparation of the same. Accepted on 5th January 1963.

O, O-dimethyl-O-(4-cyanophenyl) thionophosphate is prepared by condensing O,O-dimethylchloro thionophosphate and a compound selected from the group consisting of 4-cyanophenol and its alkali metal salts.

76581. Stolberger Zink Aktiengesellschaft Fur Bergbau Und Huttenbetrieb. Zinc alloys and castings produced therefrom. Accepted on 11th January 1963.

Alloy consisting of aluminium, copper, one or more metals of the group consisting of beryllium, hafnium and zirconium, balance being zinc of 99.99% purity and containing a slight amount of metals of the alkali and alkaline earth groups.

76589. Merck & Co., Inc. Substituted lactic acids and process of preparing the same. Accepted on 5th January 1963.

Reacting ketone like 1-(3,4-dimethoxyphenyl)-2-propane with HCN, hydrolysing nitrile formed, a hydrolysing reaction product.

76963. Continental Oil Company. Purification of alkyl benzene. Accepted on 10th January 1963.

Treating alkyl benzene contaminated with anthracene compound and having bloom with activated carbon to produce alkyl benzene.

77173. Compagnie De Saint-Gobain. Alloy having high resistance to wear and corrosion. Accepted on 11th January 1963.

Consisting of chromium (12-35%), cobalt (partially replaceable by nickel) (45-70%) tungsten (3-15%), carbon (0.5-1.5%) and iron upto 1%.

77306. Olin Mathieson Chemical Corporation. Process for the preparation of hydrindenesulfonylureas. Accepted on 11th January 1963.

Comprises in reacting a carbonic acid derivative having the formula RZ wherein Z represents -NH-COCl, -NH-CO-NH₂, -N=C=O, NH-COOC.H₂ and R represents hydrogen, alkyl with hydrindene sulfonamide.

77495. J. R. Geigy A.-G. Process for the production of acyl derivatives of 5,6-dihydro-11-H-dibenzo [c, f] [1, 2] diazepine and of 5,6,11,12-tetrahydro-dibenzo [c, g] [1, 2] diazocine. Accepted on 5th January 1963.

By condensing, in the presence of an alkaline condensing agent a substituted malonic acid derivative, and then the reaction product is oxidised by means of an agent such as hydrogen peroxide.

77512. Yawata Iron & Steel Co., Ltd. A sampling device. Accepted on 7th January 1963.

Moving means reciprocating laterally over the whole width of a conveying belt being provided at the terminal part of the belt and a sampling body provided with driving means and hung on said moving means.

77515. Halifax Tool Company Limited. A new or improved pneumatically operated percussive hammer for rock drilling or like boring apparatus or rings. (7th July 1960). Accepted on 7th January 1963.

Includes a valve unit adapted to control the supply of compressed air to the hammer piston comprising relatively movable parts wherein a distributor valve by-pass is opened upon relative movement of the parts in response to the falling of the hammer load to a predetermined value, thereby to direct compressed air to one end of said cylinder.

77521. Schweizerische Wagons- und Aufzugfabrik A-G Schlieren-Zurich. Improvements in or relating to elevator control systems. Accepted on 7th January 1963.
- Inputs of floor associated switching means is connected with a storing-switching means storing the corresponding floor-bound information and with at least one output of a time-dependent step-by-step switching device operated by uninterrupted signal sequence from a signal generator, where the output of floor-associated switching means acts upon an input of a collective switching means.*
77537. British Industrial Plastics Limited. Novel polymeric products or trioxan and the preparation thereof. Accepted on 10th January 1963.
- Reacting trioxan under anhydrous conditions, in the presence of electrophilic catalyst with a cyclic carboxylic ester.*
77538. Farbenfabriken Bayer Aktiengesellschaft. Metal-containing azo dyestuffs and material dyed or printed therewith. (23rd March 1961). Accepted on 8th January 1963.
- Comprises in reacting chrominum or cobalt yielding agent with azo dyestuffs containing metal complex forming group, if desired, in admixture with other matellisable dyestuffs.*
77552. Spencer Chemical Company. Polyethylene compositions and process for preparing the same. Accepted on 10th January 1963.
- Comprising in a homogeneous admixture polyethylene and copolymers of ethylene and alkylacrylates.*
77559. N.V. Philips Gloeilampenfabrieken. Improvements in or relating to sources of radiation comprising a mercury vapour discharge tube and a luminescent layer. Accepted on 7th January 1963.
- Where luminescent layer contains substance activated with monovalent copper and bivalent manganese.*
77567. United Kingdom Atomic Energy Authority. Improvements in or relating to the instrumentation of vessels to determine the level of the contents of the vessels. (14th July 1960). Accepted on 7th January 1963.
- In the vessel there are provided an electrically heatable probe, means for feeding electrical power to said probe, a second probe at the same level but spaced from the heatable probe, and means are provided for indicating changes of temperature differential between probes.*
77574. I. C. P. M. Industrie Chimiche Porto Marghera S.p.A. A process for the production of high liter high purity hydrofluoric acid. Accepted on 11th January 1963.
- Wherein reaction gases of fluorite and sulphuric acid are cleansed, without filtering, by partial condensation thereof by skimming over liquid surface of condensate, then separating sulphur by catalysed formation to obtain the condensed vapours of HF.*
77585. Ciba Limited. Photographic material for the silver dyestuff bleaching method. Accepted on 10th January 1963.
- Comprising a support and fixed thereon a layer suitable for the silver dyestuff bleaching method, coloured with certain specified azo dyestuffs containing at least one sulphonic acid group.*
77586. Escher Wyss G.M.B.H. Process and installation for the preparation of fibre suspensions. Accepted on 7th January 1963.
- Fibre suspension is concentrated to a fibre pulp of at least 15% stuff density, which is then transferred to a dispersing device.*
77587. Ciba Limited. Process for the manufacture of bicyclic ketones. Accepted on 11th January 1963.
- Comprises in subjecting a phenylalkane-carboxylic acid containing in the α -position to the carboxyl group an amino phenyl radical to ring closure, acylated or hydrolysed and racemates separated.*
77588. Ciba Limited. Process for the manufacture of new allovohimbane compounds. Accepted on 10th January 1963.
- Comprises in removing the double bond extending from carbon atom 3 by reduction in a $\Delta^1 18 \beta$ allovohimbene-16 β carboxylic acid (2-methoxyethyl)-ether, wherein R represents a lower-alkoxy ethoxy group.*
77592. P. C. Dimitracopoulos and C. D. Pezaris. Audiovisual projection system. Accepted on 9th January 1963.
- Combined sound and picture reproducing apparatus comprises a support having a light transmitting opening, an optical projection means, sound information pick up means, and means to impart relative rotational movement between pick up and a sound record.*
77621. R. R. Pardasani. Improvement in or relating to locks. [Addition to No. 68897]. Accepted on 11th January 1963.
- Wherein any groove provided in the plug housing and engaged by one or more catches may be a channel, hollow or depression.*
77635. Daimler-Benz Aktiengesellschaft. Improvements relating to rotary-piston internal combustion engines. (8th June 1961). Accepted on 3rd January 1963.
- Where in a trochoidal track in addition to the housing is provided for guiding the piston.*
77646. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Organic metal complexes and process for the manufacture thereof. Accepted on 7th January 1963.
- Comprises reacting a compound of the formula $R-CH(SH)-CH(SH)_k$ wherein R and R' are selected from the group consisting of carboxy or a functional derivative thereof, with an arsenic, antimony, bismuth or mercury compound.*
77651. Montecatini Società Generale Per L'Industria Mineraria E Chimica. Improvements in the preparation of a resinous products for textile fibres having a particular receptivity to dyes, and in the process for their preparation. [Addition to No. 71890]. Accepted on 7th January 1963.
- Extruding mixes of crystalline polyolefins or of acrylonitrile polymers with 1 to 25% by weight of basic nitrogen compounds having a resinous character.*
77660. Shell Internationale Research Maatschappij N. V. Improved process for the dehydrogenation of hydrocarbons. [Addition to No. 74691]. Accepted on 5th January 1963.
- Reacting hydrocarbons with iodine in presence of substance binding hydrogen iodide dissolved in liquid phase of inorganic iodides formed therein.*
77669. Bemberg S.p.A. Drying polyamide chips without oxidation. Accepted on 7th January 1963.
- Exposing a wet finely divided polyamide under vacuum to elevated temperature and removing vacuum by supplying to the chamber a dry inert gas.*
77702. The British Oxygen Company Limited. Process and apparatus for the separation of argon. (2nd August 1960). Accepted on 11th January 1963.
- Comprising passing feed gas through absorption zone countercurrent to adsorbent bed, subjecting said bed to increase in temperature in rectification zone and withdrawing the pure argon from top of adsorption zone.*
77715. Shell Internationale Research Maatschappij N. V. Process for the preparation of aldehydes and/or alcohols and process for the preparation of complex used as catalyst therefor. Accepted on 8th January 1963.
- Comprises in reacting an olefin with carbon-monoxide and hydrogen in the presence of a complex containing a transition metal and trivalent phosphorus, arsenic or antimony.*

77724. Takeda Chemical Industries Limited. 1-[pyrimidinyl-(2)] guanazole compounds. Accepted on 9th January 1963.

A hydrazino pyrimidine is reacted with the cyano group of a dicyan diamide or its N-substituted derivatives.

77726. A. C. Dastagirisahab. A frying machine for frying grains and like materials. Accepted on 11th January 1963.

Consisting of at least one frying pipe rotatably mounted and disposed in an inclined position from the feed to the discharge end and a sand separating device.

77740. Seal-Less Strapping Limited. Improvements in and relating to the joining of package and like binding straps. (27th August 1960). Accepted on 5th January 1963.

Crown of the first tongue is located in a broader portion than the second and disposed one above other.

77745. Y. R. D. Bhole. An electrically operated cradle. Accepted on 11th January 1963.

Comprises an operating shaft on which is mounted a contact arm, said arm having a contact pin which engages an angular guide slot in a guide arm, a contact metal plate extending along one edge of said slot and an electromagnet, wherein the pin maintains contact except at an intermediate place.

77755. Sempa-Chimie. Method for the preparation of codeine from thebaine. Accepted on 9th January 1963.

By reacting thebaine or a salt thereof with a hydrohalic acid, and then with a basic agent.

77758. Commonwealth Scientific and Industrial Research Organization. Method and apparatus for the separation of solid particles into sized fractions. (1st August 1960). Accepted on 5th January 1963.

Comprising the steps of introducing the particles into the fluid stream of a cyclone elutriator, retaining in the elutriator particles of size greater than a predetermined minimum and discharging the retained particles from the elutriator.

77779. Shell Internationale Research Maatschappij N. V. Lubricating oil composition. Accepted on 8th January 1963.

Comprising a lubricating oil and a compound having a structure constituted by a chain of at least 150 carbon atoms carrying both $-C\equiv N-OH$ groups and oleophilic groups.

77828. Yawata Iron & Steel Company Limited. Improvements relating to a method of direct reduction of a metal oxide. Accepted on 7th January 1963.

Comprising first treating the said oxide at a temperature 400° - 500° C with a reducing gas and then heating at a temperature of 800° - 1700° C.

77832. Sonotone Corporation. A self-supporting stylus drive structure. Accepted on 11th January 1963.

Comprising an elongated drive member carrying at its one end at least one stylus, an elongated, relatively stiff seating structure joined to the opposite end of and carrying said drive member.

77858. Ciba Limited. Bis-azolyl-tetrahydrothiophene compounds and process for the manufacture of bis-azolyl-thiophene compounds. Accepted on 10th January 1963.

Reacting an aminobenzene at 90 - 260° C with tetrahydrothiophene-2:5-dicarboxylic acid or its functional derivative and treating product at 80 - 250° C with a dehydrogenating agent

77884. Spencer Chemical International, Inc. Polymerization of ethylene in aqueous system. Accepted on 8th January 1963.

Polymerising ethylene in the presence of water containing a member of the group consisting of ethenoid unsaturated carboxylic and sulfonic acids in the presence of an initiator.

77986. American Cyanamid Company. Improvements in or relating to the production of tetracycline. Accepted on 11th January 1963.

Reacting diazomium-6-deoxy-tetracycline with an azido, lower alkyl xanthate acyloxy or haloacyloxy radical.

78021. Fives-Penhoet. Improvements in or relating to a method of laying-out two-fluid heat exchanger elements, and heat exchanger device produced by said method. Accepted on 7th January 1963.

Arranging inside a common enclosure formed by cylindrical barrel-plate, on the one hand a number of tubular conduits arranged in one or more spaced and coaxial cylindrical clusters and through which is caused to circulate, secondary fluid and on the other hand primary-fluid-jet producers distributed in the form of preferably even number of cylindrical clusters concentric with clusters of tubes.

78041. British Titan Products Company Limited. Paint composition. (23rd August 1960). Accepted on 5th January 1963.

Comprising a titanium dioxide pigment, a drying oil, and a compatible polyalcohol.

78229. Artos Maschinenbau Dr. Ing. Meier-Windhorst. Device for drying of materials such as textile materials and foils. Accepted on 10th January 1963.

Feeding of the drying medium being effected by ventilating boxes arranged above or below the rows of rollers with nozzle fingers projecting in the upper or lower part of the material.

78235. R. R. Pardasani. Improvement in or relating to locks. Accepted on 5th January 1963.

Sleeve or multi numbered collar slum co-operates with the plug and at least a spring loaded latch by sliding in at least a position of the plug during an operation of the lock.

78372. Frame S. A. Bung of plastic material. Accepted on 10th January 1963.

Removable base being provided in its peripheral region with an annular part forming a bellows to limit the stresses in the base.

78356. Asahi Kasei Kogyo Kabushiki Kaisha. Method and apparatus for stretching thermo-plastic films. Accepted on 9th January 1963.

Comprising feeding such film through a set of feed rolls, drawing the film by a set of pull rolls at a speed higher than that at which the film is fed, and engaging the film along the opposite marginal edges thereof with a pair of series of film-clamps carried by the film along guide means.

78358. Process Evaluation and Development Corporation. Process of and apparatus for continuously producing paper pulp. Accepted on 9th January 1963.

Continuously delivering raw vegetable stock and digestant liquor to a digester in separate paths, and continuously recording at a central station the rate of delivery of said stock and liquor and controlling from the said station the rate of feed of said stock and liquor.

78410. Allied Chemical Corporation. Improvements in or relating to the treatment of synthetic continuous filament yarns. Accepted 11th January 1963.

Applying to the yarn a coating of an oxidised polyethylene wax.

78441. Dow Corning Corporation. Improved process of clarifying cane sugar juice. Accepted on 5th January 1963.

Comprises in adding a fluid siloxane to the cane juice solution at any time before separation of precipitated or flocculated solid impurities.

78442. Imperial Chemical Industries Limited. Polypropylene films and articles made therefrom. (22nd September 1960). Accepted on 8th January 1963.

Stretching the unoriented film to a greater extent in the longitudinal directions than in transverse direction at a temperature below its m.p.

78493. United Shoe Machinery Corporation. Open-fibred collagenous masses and method of making same. Accepted on 10th January 1963.

A fibrous collagen derivative resulting from the action of a polyfunctional linking agent on gelatin is caused to precipitate amongst a mass of collagen fibres to bond the fibres together in an open-fibred structure.

78497. Chemische Werks Witten Gesellschaft Mit Beschränkter Haftung. Process for the manufacture of semi-ester chlorides of aromatic dicarboxylic acids. Accepted on 8th January, 1963.

Wherein the trichloromethyl benzoic acid esters of primary alcohols are reacted with mono-1 di- or trichloroacetic acid in the presence of acid catalyst.

78527. Toho Rayon Kabushiki Kaisha. Process for the manufacture of high tenacity viscose rayon. Accepted on 31st December 1962.

Heating unaged viscose to a temperature above that of a spinning bath, extruding thus heated viscose in a low temperature acidic sulfate bath containing formaldehyde and stretching the resulting threads in a second bath.

78569. K. Raghavendran. Apparatus to collect and feed suns heat into thermal energy converter. Accepted on 9th January 1963.

Consisting of a hollow sphere transparent to thermal radiations filled with water and a battery of troughs whose surfaces are heat sensitive, so arranged that their inner and outer edges lie on two imaginary spherical surfaces which are concentric with the sphere.

78589. Ciba Limited. New phthalocyanine dyestuffs, their manufacture and process of colouring resins, waxes, lacquers or plastics therewith. Accepted on 9th January 1963.

and halide is re-

78629. Dr. K. Ziegler. Process for the production of lead tetraethyl electrolytically. Accepted on 5th January 1963.

Using a lead anode and a mercury cathode wherein mixtures of potassium-aluminium tetraethyl and potassium fluoride-aluminium triethyl complexes are used as electrolyte.

78637. Caterpillar Tractor Co. Replaceable ripper tip. Accepted on 5th January 1963.

Comprises a hardened working blade, a housing part and a weld securing the blade.

78660. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to systems for the transmission of self-controlling coded digital information through a telecommunication channel. Accepted on 9th January 1963.

The control circuit of the transmitting station containing a counting circuit counting-off every time a predetermined number of code groups so that the transmission of information is stopped automatically when said predetermined number of code groups has been transmitted.

78665. Shell Internationale Research Maatschappij N. V. Bubble tray provided with variable gas passages. Accepted on 5th January 1963.

Provided with variable gas passages fitted with valve bodies, each valve body having a guide member consisting of elements of flexible material.

78690. Imperial Chemical Industries Limited. The production of polypropylene monofilaments suitable for use in brushes. (13th October 1960). Accepted on 5th January 1963.

Wherein monofilament of isotactic polypropylene is drawn atleast 3 times its original length and then heat treated at a temperature below the melting point of the polymer but above 90°C.

78850. Y. C. Yuen. Improvements in or relating to construction of automobile (2nd November 1960). Accepted on 5th January 1963.

At least part of one wall comprises a heat insulating panel, a hollow transparent window and means for slidably inserting the insulating panel into and withdrawing it from the said window and retaining it in said two positions.

78904. The Dow Chemical Company. Process for the production of expanded or foamed articles from foamable thermoplastic polymer compositions. Accepted on 10th January 1963.

Characterised in that the mass of the particles is preheated, prior to the final heating and foaming on expansion step, to a temperature which is lower than that at which the polymer composition softens or at which the individual particles flow together or adhere to one another.

79015. AMP Incorporated. Electrical decoding apparatus and selecting device therefor. Accepted on 10th January 1963.

In which a series of multiaperture magnetic cores each drivable between a first and a second state of magnetic remanence and each having a series of outlets is arranged in successive stages with the outlets of the core or cores in a preceding stage connected to a corresponding number of different cores in the next succeeding stage.

79017. Denis Ferranti Meters Limited, R. H. Wolfenden and A. M. Hycz. Improvements in or relating to cyclometer registers. (1st November 1960). Accepted on 10th January 1963.

Having a series of charactered divisioned rollers mounted in a frame, comprising a lowest denomination roller which is continuously driven, a driving wheel and lost motion mechanism.

79073. Karamchand Premchand Private Limited. Improvements in or relating to the preparation of dithiodibenzoic acid. Accepted on 5th January 1963.

Removing excess of free sulphur by aeration.

79144. Spofa, Sdruzeni Podniku Pro Zdravotnickou Vyrobu. Preparation of 5-bis(-chloroethyl)-aminomethyl uracil hydrochloride. Accepted on 11th January 1963.

5-chloromethyl uracil is reacted with bis-(β -chloroethyl)-amine.

79165. Automatic Telephone & Electric Company Limited, and Standard Telephones And Cables Limited. Improvements in or relating to metering arrangements for automatic telephone systems. (17th November 1960). Accepted on 9th January 1963.

Employing a cyclic storage device, such as a magnetic drum.

79217. C. H. Johnson & Sons Limited. Improvements in or relating to the jointing of woven wire mesh. (9th November 1960). Accepted on 9th January 1963.

Applying a strand of a suitable brazing medium to the mesh adjacent one of the edges to be joined, entering the said edges into overlapping relationship and applying to the region of the edges sufficient heat and pressure to cause fusion of the brazing medium.

79375. National Castings Company. Car coupling. Accepted on 7th January 1963.

Including a head having rigid jaws and a mouth, a lock member and a lock thrower in the mouth, the lock member having a lower rearward portion substantially triangular and the head of the coupling having a rear wall spacedly inwardly of the mouth.

79418. Siemens & Halske Aktiengesellschaft. Improvements in or relating to telephone networks. (25th July 1961). Accepted on 9th January 1963.

In which a first exchange is connected to a second exchange by a multichannel system.

79646. Buss A.G. Process for the granulation of plastic masses. Accepted on 5th January 1963.
Includes the steps of sucking away of the granulate directly from the nozzle exit surface for the cooling and the consolidation thereby caused.
79662. Hercules Powder Company. Process for preparing carboxylated organic compounds. Accepted on 9th January 1963.
Comprises reacting carbon monoxide and an organic compound with a salt of cobalt or iron hydro carbonyl and water under basic condition of reaction.
79717. Saxby & Farmer (India) Private Limited and H. F. Dennison. Improvements in point operating mechanism for railways. Accepted on 10th January 1963.
Toothed rack engaged by a toothed segmental element connected to a crank lever, the rack being alternatively connectable directly to a driving source.
79776. The Buckeye Steel Castings Company. Rotor for railway coupler. Accepted on 11th January 1963.
Of the knuckle type which forms a part of the mechanism for releasing the anticreep and lifting the lock.
79779. Bakelite Limited. Improvements in or relating to phenol-formaldehyde condensates and foamed products produced therefrom. (16th January 1961). Accepted on 5th January 1963.
Comprises condensing under alkaline conditions a mixture of formaldehyde and phenol in a molecular proportion of 1 to 15 parts of formaldehyde to 1.0 part of phenol.
79917. Molins Machine Company Limited. Improvements in knife-feeding arrangements for sickle-shaped knives in cut-offs of cigarette-making machines. (22nd December 1960). Accepted on 5th January 1963.
Comprises a knife-clamp a nut engaging the knife, a rotatable screw threaded in said nut to feed the knife outwards against the friction of the clamp, and gearing is connected to the screw to rotate it for knife feeding.
79944. Associated Electrical Industries Limited. Improvements in and relating to quartz-to-metal seals. (10th January 1961). Accepted on 7th January 1963.
For the sealing of a lead-in-conductors which is embedded in the quartz constituted to planar metal foil.
79973. Les Usines De Melle. Process for decolorizing and purifying impure solutions of organic acids. Accepted on 8th January 1963.
Contacting solution of organic carboxylic acids with a cation exchange resin having strong acid active groups.
80000. Bundy Tubing Company. Improvements in or relating to methods of making push rods for interconnecting movable members. Accepted on 11th January 1963.
A ball shaped end piece is brought in contact with one end of a solid rod, which end is provided with a bearing surface and thereafter the end piece is welded to the rod by heat and pressure.
80010. Fisons Fertilizers Limited. Weighing machine. Accepted on 10th January 1963.
Vibrations in the lever system being damped by the provision of a dashpot between the load arm of the lever system and the supporting structure and by the provision of a degree of flexibility in the power arm of the lever system.
80101. National Castings Company. Railway car truck. Accepted on 7th January 1963.
Including a side frame and opening for receiving one end of a bolster, the side frame having at least one support in a second opening and a detachable chock having a wedge.
80115. G. S. Giare. Means for propelling bicycle and the like velocipedes. Accepted on 5th January 1963.
Comprising an engine a platform to support the engine, behind the saddle, cover for engine for allowing passage of air, a shaft having screw blades fitted to it is driven by said engine.
80249. Radio Corporation of America. Frequency converters using negative resistance semiconductor diodes. Accepted on 9th January 1963.
Having means for self-biasing the diode to operate in the nonlinear region in the forward current conductive direction of the current-voltage characteristic.
80826. W. G. Horton. Improvements in and relating to display and like devices. Accepted on 5th January 1963.
A rectangular perforated plate having there-through rows of uniformly spaced rectilinear perforations to receive and retain indicating means and also having open sided notches at each boundary of the plate.
81120. Automatic Telephone & Electric Company Limited. Improvements in or relating to automatic telephone systems. (18th March 1961). Accepted on 10th January 1963.
Private automatic branch exchange comprises a cordless manual board, a plurality of connecting circuits and a marker circuit arranged under the direct control of the operator.
81389. Trico Holdings Limited. Improvements in or relating to means for producing fabric. Accepted on 11th January 1963.
Including a carrier member having an operating face and a plurality of anchoring formations for the thread which formations in operative condition project from the face.
85087. Roche Products Limited. Compositions containing carotenoids. (14th April 1960). [Divisional date 10th April 1961]. Accepted on 9th January 1963.
Comprises a carotenoid and a food diluent or a carrier.
85518. Ciba Limited. Preparations containing new allo-yohimbane compounds. [Divisional date 11th July 1961]. Accepted on 10th January 1963.
Comprises an allo-yohimbane compound in admixture or conjunction with a solid or liquid pharmaceutical carrier.
85564. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Medicinal composition containing organic metal complexes. [Divisional date 15th July 1961]. Accepted on 7th January 1963.
Containing organic metal complex of a racemic or optically active compound and functional derivatives thereof with As, Sb, Bi or Hg compound and a diluent or carrier.
85621. P. C. Demitracopoulos and C. D. Pezaris. Audio-visual projection slides. [Divisional date 12th July 1961]. Accepted on 9th January 1963.
Comprising a generally flat element carrying a projectable picture image, and a spiral sound information track adjacent the image.
85929. Roche Products Limited. Compositions containing carotenoids (14th April 1960). [Divisional date 13th November 1962]. Accepted on 9th January 1963.
Comprises a carotenoid and a cosmetic diluent or carrier.
85930. Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Process for extracting a mixture of mikamycin A and B. [Divisional date 11th April 1961]. Accepted on 10th January 1963.
*Treating mycelia in a cultured broth of *S. mitakaensis* with lower alcohol.*

Opposition proceedings

(1)

An opposition has been entered by American Cyanamid Company to the grant of a patent on application No. 73813 made by Chas. Pfizer & Co., Inc.

(2)

An opposition has been entered by National Rayon Corporation Ltd., to the grant of a patent on application No. 77498 made by W. R. Schmitz.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

73286.	73295.	73297.	73330.	73344.	73345.	73449.	73451.
73514.	73649.	73686.	73703.	73804.	73988.	74059.	74350.
74363.	74374.	74377.	74387.	74390.	74399.	74400.	74433.
74434.	74440.	74463.	74465.	74467.	74469.	74474.	74496.
74505.	74511.	74513.	74537.	74543.	74550.	74592.	74593.
74631.	74656.	74662.	74685.	74711.	74734.	74741.	74758.
74807.	74810.	74824.	74865.	74901.	74921.	74942.	74980.
75077.	75078.	75130.	75160.	75173.	75220.	75263.	75411.
75438.	75440.	75469.	75529.	75554.	75576.	75629.	75680.
75684.	75833.	75878.	75913.	75914.	76048.	76112.	76114.
76120.	76150.	76273.	76497.	76535.	76571.	76624.	76716.
76818.	77790.	78154.	78271.	81778.			

Patent Sealed

73717.	73740.	73958.	73962.	74023.	74209.	74419.	74772.	74778.
74783.	74788.	74799.	74807.	74809.	74813.	74840.	74846.	74858.
74869.	74876.	74879.	74885.	74918.	74921.	74923.	74924.	74923.
74935.	74937.	74938.	74940.	74942.	74948.	74960.	74963.	74983.
74986.	75010.	75018.	75038.	75043.	75044.	75047.	75075.	75077.
75078.	75103.	75111.	75130.	75134.	75138.	75143.	75158.	75160.
75161.	75172.	75173.	75176.	75177.	75178.	75180.	75190.	75194.
75204.	75208.	75222.	75245.	75285.	75351.	75364.	75415.	75472.
75560.	75561.	75595.	75619.	75630.	75749.	75808.	75904.	75987.
76017.	76018.	76053.	76134.	76253.	76843.	77219.	77320.	77335.
77385.	79653.	80456.	80457.					

Amendment Proceedings

The amendment proposed by Allgaier-Werke G.M.B.H. in respect of Patent application No. 73434 as advertised in the Gazette of India, Part III, Section 2 dated the 6th October 1962, has been allowed.

Registration of Assignments, Licences, Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

53878.	}	Pickers Limited.
66120.		
68116.		Wisconsin Alumni Research Association.
70180.	}	The Dow Chemical Company.
70181.		

Renewal Fees Paid

39227.	39241.	39403.	39888.	40933.	40974.	41005.	41006.	41063.
42514.	42585.	42684.	43695.	44349.	44361.	44424.	44513.	44540.
44606.	44734.	45202.	46616.	46691.	46845.	46907.	48705.	48770.
48771.	48859.	48937.	48963.	49005.	49070.	49175.	49194.	49217.
49248.	49425.	49524.	49555.	49570.	49581.	50825.	51086.	51127.
51151.	51175.	51182.	51230.	51292.	51513.	51565.	51579.	51580.
51829.	52111.	53466.	53496.	53625.	53759.	53764.	53767.	53768.
53842.	53925.	54141.	54146.	54394.	54403.	54433.	54684.	54685.
54750.	55078.	55989.	56087.	56292.	56309.	56327.	56411.	56427.
56429.	56475.	56519.	56520.	56521.	56530.	56591.	56743.	56805.
56849.	56850.	56851.	57099.	57548.	58401.	59217.	59314.	59382.
59383.	59387.	59388.	59404.	59427.	59431.	59432.	59441.	59447.
59491.	59499.	59534.	59537.	59570.	59613.	59629.	59671.	59695.
59720.	59741.	59751.	59774.	59788.	59793.	59796.	59830.	59930.
60173.	60174.	60293.	60561.	60748.	61128.	61152.	62032.	62701.
62772.	62791.	62798.	62851.	62855.	62856.	62913.	62955.	62956.

62981.	62982.	63014.	63015.	63016.	63017.	63018.	63023.	63030.
63035.	63060.	63088.	63094.	63095.	63100.	63102.	63126.	63131.
63152.	63165.	63168.	63178.	63181.	63186.	63190.	63197.	63261.
63262.	63361.	63498.	63530.	63649.	63768.	63807.	64006.	64250.
64897.	66383.	66401.	66409.	66430.	66440.	66441.	66504.	66505.
66511.	66527.	66545.	66572.	66595.	66603.	66613.	66630.	66663.
66681.	66682.	66690.	66762.	66769.	66770.	66771.	66779.	66805.
66815.	66904.	66981.	67092.	67108.	67160.	67186.	67263.	67315.
67358.	69554.	69729.	69964.	70367.	70399.	70416.	70417.	70490.
70496.	70540.	70561.	70562.	70598.	70619.	70665.	70701.	70856.
70909.	70910.	70916.	71018.	71080.	73041.			

Cessation of Patents

39716.	49601.	49654.	51961.	51987.	54526.	54545.	54567.	54568.
54569.	54614.	57391.	57396.	57407.	57417.	57420.	57424.	57425.
60546.	60553.	60565.	60566.	60579.	60610.	64131.	64136.	64139.
64143.	64147.	64154.	64174.	64177.	64178.	64182.	64186.	64190.
64191.								

Restoration Proceedings

(1)

Notice is hereby given that an order was made on the 26th December 1962 restoring the patent numbered 58506 dated as of the 27th September 1956 granted to Dr. Sudhir Lal Mukherjee and Albert David Ltd., for "Manufacture of sulphonyl urea derivatives".

(2)

Notice is hereby given that an order was made on the 26th December 1962 restoring the patent numbered 59097 dated as of the 11th December 1956 granted to Dr. Sudhir Lal Mukherjee and Albert David Ltd. for, "Process for manufacture of sulphonamide derivatives".

(3)

Notice is hereby given that an order was made on the 26th December 1962 restoring the patent numbered 59251 dated as of the 29th December 1956 granted to Dr. Sudhir Lal Mukherjee and Albert David Ltd. for, "Improvements in or relating to the manufacture of sulphonamide derivatives".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

- Class 13. Nos. 115509 to 115542. Shree Ram Mills Ltd., Fergusson Road, Parel, Bombay 13, State of Maharashtra, India, a Company incorporated in India, "Textile piece-goods", October 23, 1962.
- Class 13. Nos. 115558 to 115563. The Standard Mills Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay 1, (India), "Textile goods", October 5, 1962.
- Class 13. Nos. 115952 to 115979. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159 Churchgate Reclamation, Bombay-1, "Textile goods", November 14, 1962.
- Class 13. Nos. 116140 to 116151. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay-12, Nationality—Indian Business concern (Private Limited Company), "Textile goods including silks and art-silk piece-goods", November 26, 1962.
- Class 14. No. 115288. The Victoria Mills Limited, an Indian Company, De Lisle Road, Parel, Bombay-13, "Cotton piece-goods", September 13, 1962.

S. VENKATESWARAN

Controlier General of Patents, Designs
and Trade Marks